

00000000000000000000000000000000

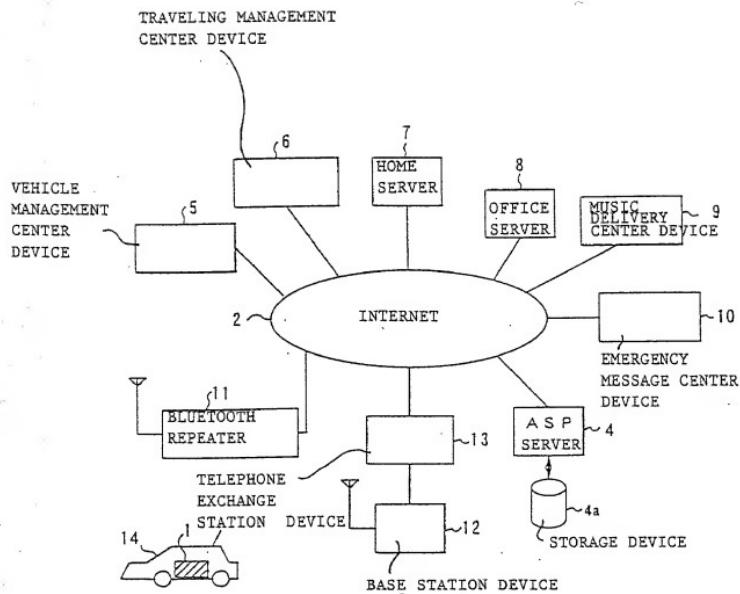


FIG. 1

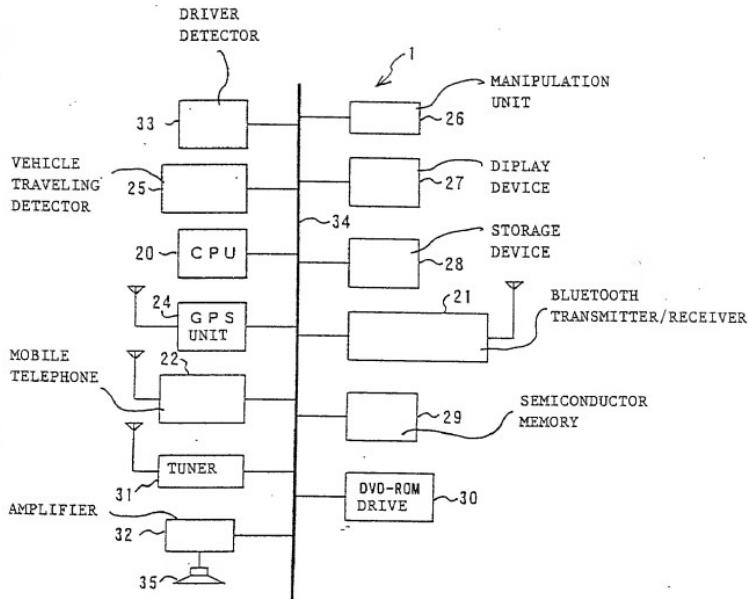


FIG. 2

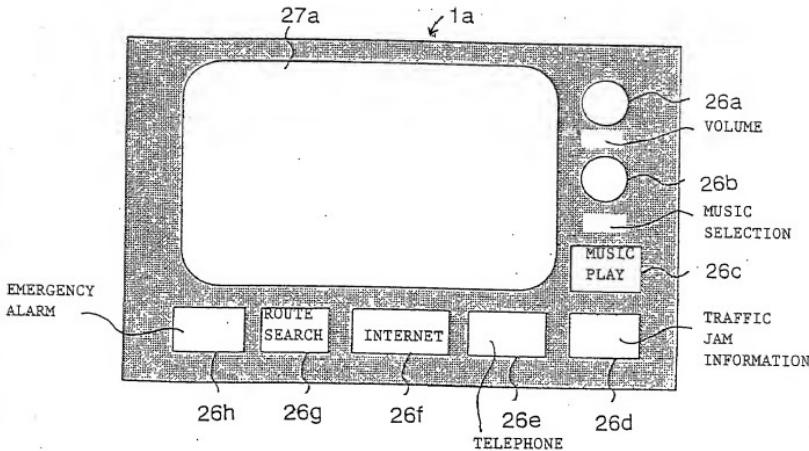


FIG. 3

MUSIC PLAY
INTERNET RADIO
MP3 DATA
GROUND WAVE

RETURN ~ []

TRAFFIC JAM INFORMATION
RADIO
INTERNET
VICS
PREDICTION FROM PAST DATA
ATIS
SPEEDWAY PUBLIC CORPORATION GUIDE

RETURN ~ []

FIG. 4 A

FIG. 4 B

TELEPHONE

CONTACT ADDRESS
LIST

RETURN ~ []

ROUTE SEARCH
DEPARTURE
DESTINATION
DATE AND TIME
LOCATION
CONDITION
PAST RECORD

RETURN ~ []

FIG. 4 C

FIG. 4 D

EMERGENCY ALARM
ACCESS POINT
EMERGENCY CENTER
AMBULANCE
POLICE
INSURANCE COMPANY
REPAIR SHOP

RETURN ~ []

FIG. 4 E

FD-3602-2 19660-2 28219660

CAR PROFILE DATABASE	
USER	<input type="text"/>
PASSWORD	<input type="password"/>
<input type="button" value="LOGIN"/>	<input type="button" value="HELP"/>

FIG. 5A

CAR PROFILE DATABASE
APPLICATION
DATABASE
USER SETTING
UPDATE DATA

FIG. 5 B

APPLICATION
TRAVELING MANAGEMENT
EMERGENCY ALARM
MUSIC DELIVERY
ANTI-THEFT
VEHICLE MANAGEMENT
PUBLIC TELEPHONE
ROUTE SEARCH
MAIL

FIG. 5C

DATABASE
VEHICLE DATA
TRAVELING DATA
DRIVER DATA
MUSIC DATA
ADDRESS BOOK
MAP DATA
RETURN

FIG. 5 D

USER SETTING
SET ACCESS RIGHT
ADD NEW USER
CHANGE USER DATA
SET ACCESS POINT

RETURN

FIG. 5 E

UPDATE DATA
UNCONDITIONAL UPDATE (DATA MOVE)
CONDITIONAL UPDATE (DESTINATION)
CONDITIONAL UPDATE
(COMMUNICATION CONDITION)
ERASE (FORMAT)

FIG. 5 F

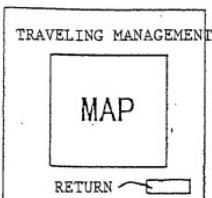


FIG. 6 A

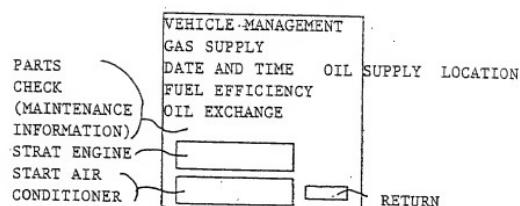


FIG. 6 E



FIG. 6 B

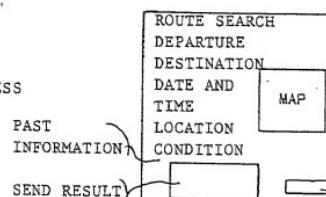


FIG. 6 F

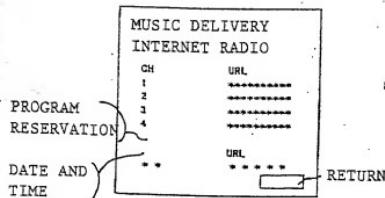


FIG. 6 C

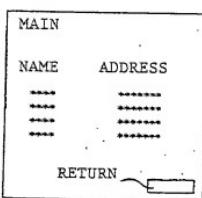


FIG. 6 G

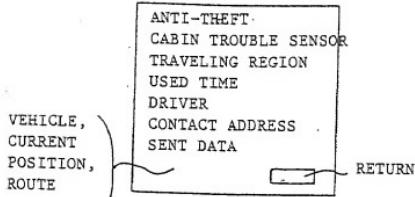


FIG. 6 D

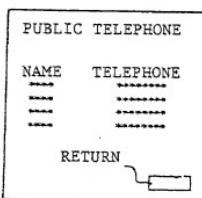


FIG. 6 H

VEHICLE DATA
BODY NUMBER
COLOR
MODEL
OWNER
MAINTENANCE INFORMATION

RETURN

MUSIC DATA
No. TITLE DURATION

1	.....	....
2	.....	....
3	.....	....
4	.....	....
5	.....	....
6	.....	....

RETURN

FIG. 7A

FIG. 7I

EAST LONGITUDE
NORTH LATITUDE
DATE AND TIME

CURRENT POSITION
TIME

LOCATION
SPEED
CONDITION

RETURN

MAP DATA
MAPNAME UPDATED DATE
NORTH KANTO REGION
SOUTH KANTO REGION
TOKYO METROPOLITA
KAWASAKI CITY
SAITAMA PREFECTUR
NIIGATA PREFECTUR

RETURN

FIG. 7B

FIG. 7E

DRIVER DATA
NAME
BLOOD TYPE
SEX
AGE
HEIGHT
WEIGHT
COMMUNICATION

HEAD

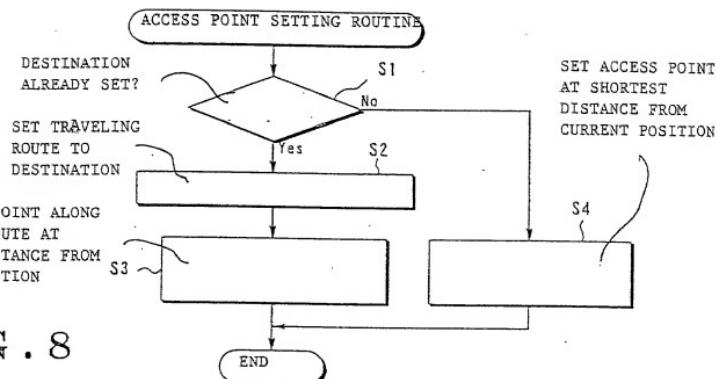
RETURN

ADDRESS BOOK
NAME
TELEPHONE
ADDRESS

RETURN

FIG. 7C

FIG. 7F



EMERGENCY DATA COMMUNICATION
SETTING ROUTINE

EMERGENCY COMMUNICATION
INSTRUCTED?

S51
No

S52

SET EMERGENCY DATA
TRANSMISSION REQUEST
FLAG

END

FIG . 12

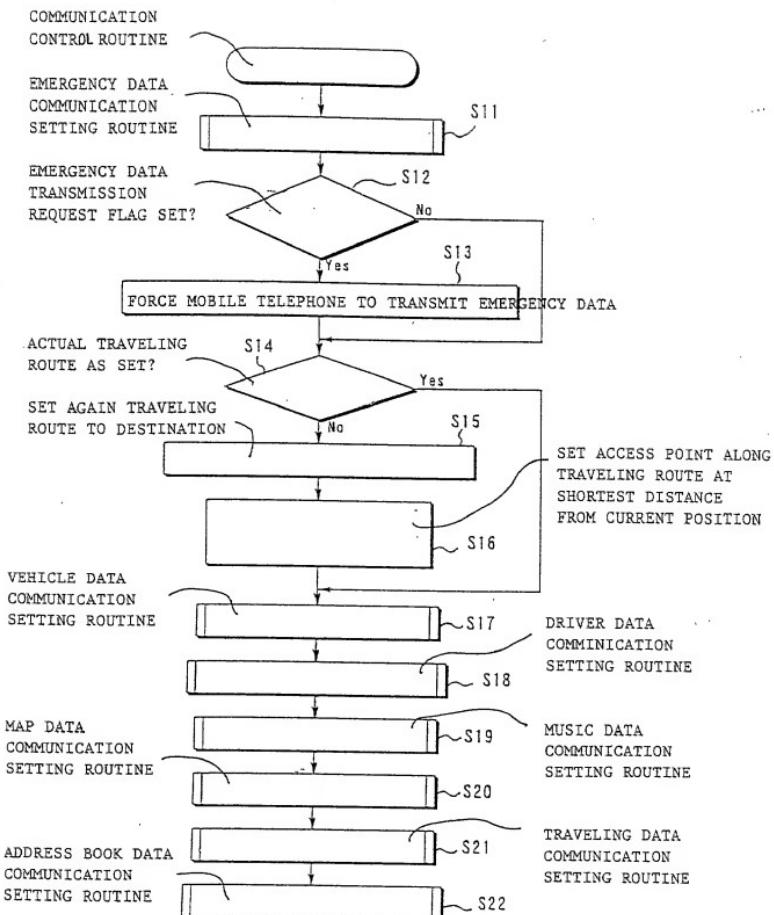


FIG. 9

MUSIC DATA
PERIODICAL
TRANSMISSION
REQUEST FLAG
SET?

DRIVER DATA TRANSMISSION
REQUEST FLAG A SET?

COMMUNICATION AVAILABLE ON
BLUETOOTH COMMUNICATION PATH?

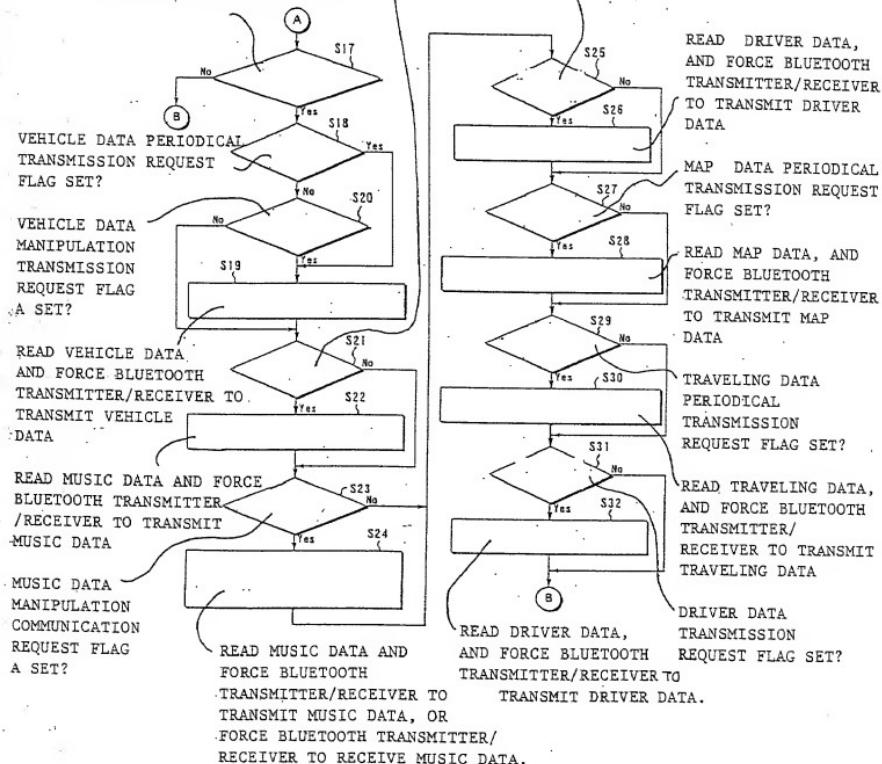


FIG. 10

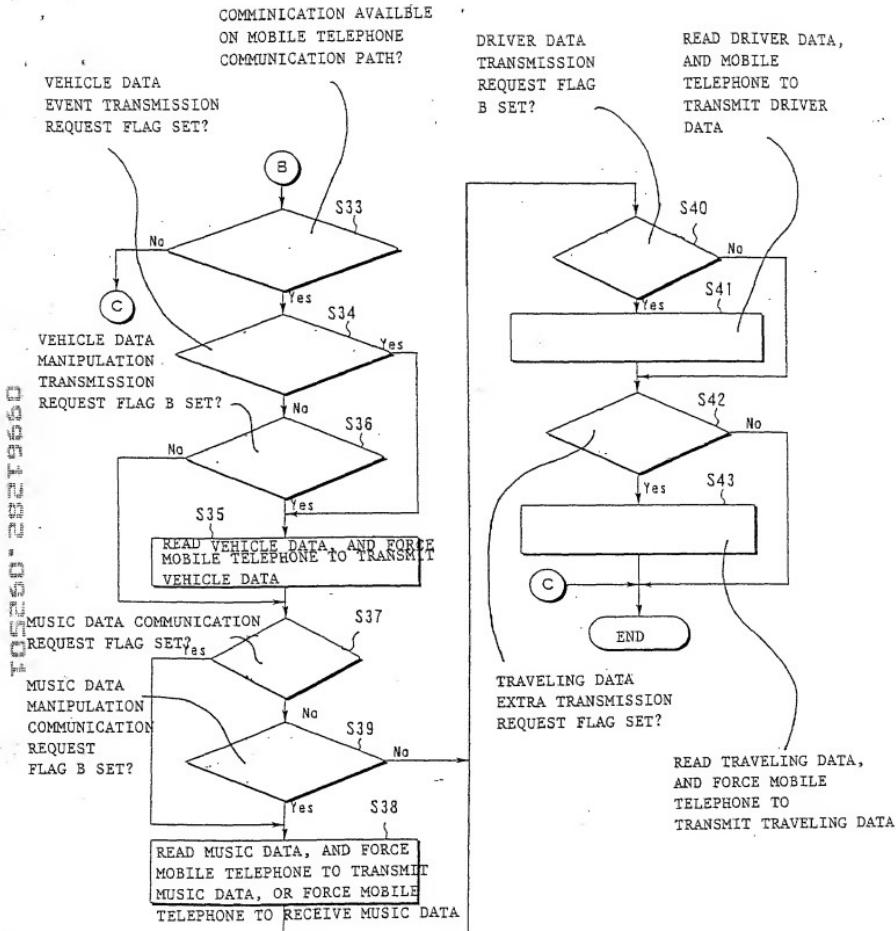
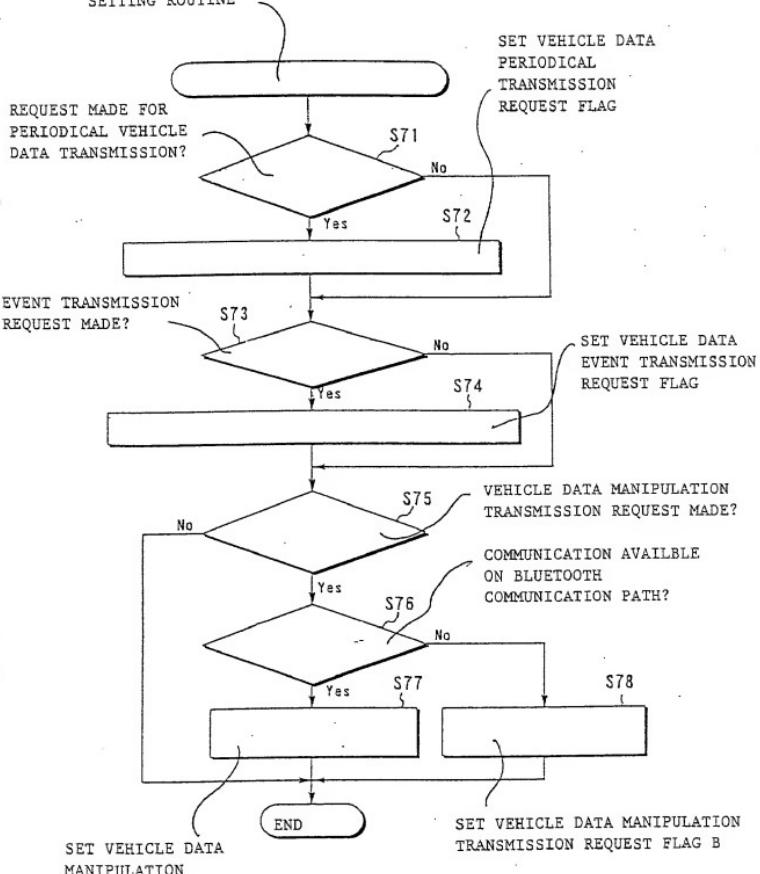


FIG. 11¹

VEHICLE DATA COMMUNICATION
SETTING ROUTINE



SET VEHICLE DATA
MANIPULATION
TRANSMISSION
REQUEST FLAG A

SET VEHICLE DATA MANIPULATION
TRANSMISSION REQUEST FLAG B

FIG. 13

0956132501

	TYPE	UPDATE CYCLE	PRECEDING UPDATE DATE AND TIME
VEHICLE DATA		ONE WEEK	XXXX:YY:ZZ 12:10
DRIVER DATA		START OF VEHICLE	XXXX:YY:ZZ 11:03
MUSIC DATA		TWICE A DAY	XXXX:YY:ZZ 12:00
MAP DATA		ONE A MONTH	XXXX:YY:ZZ 09:45
TRAVELING DATA		EVERY 10 MINUTES	XXXX:YY:ZZ 12:50
ADDRESS BOOK DATA		ONE A DAY	XXXX:YY:ZZ 10:10
EMERGENCY DATA			XXXX:AY:GH 17:30

(OCCURRENCE OF
EMERGENCY)

FIG. 14

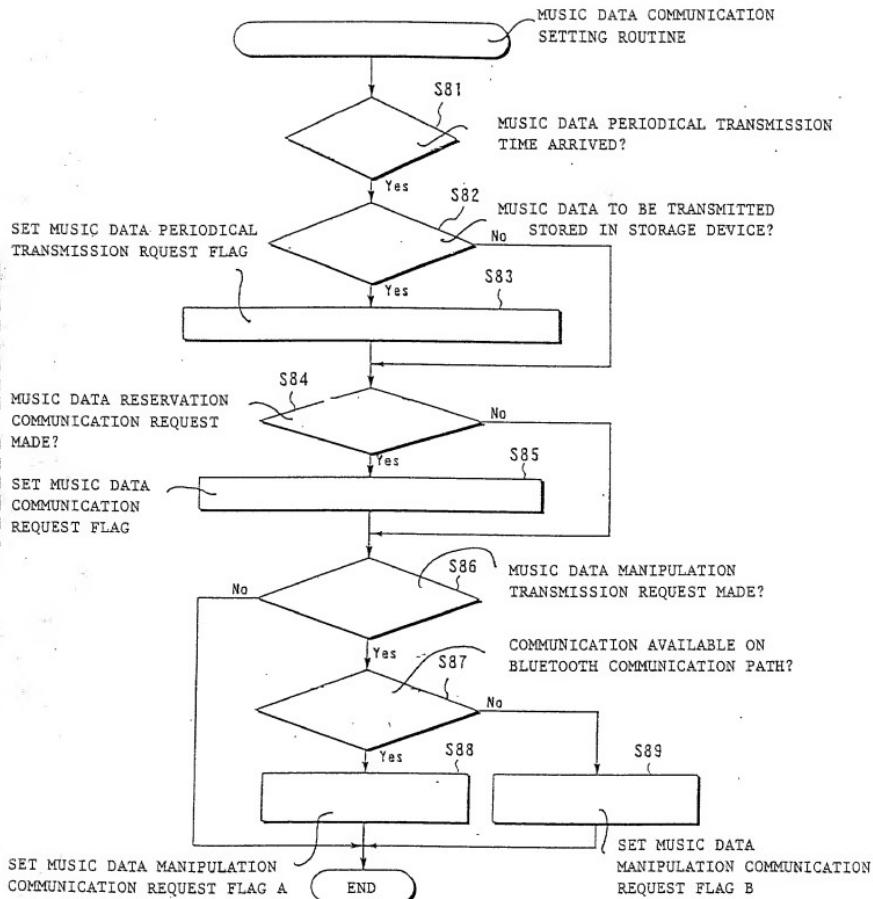


FIG. 15

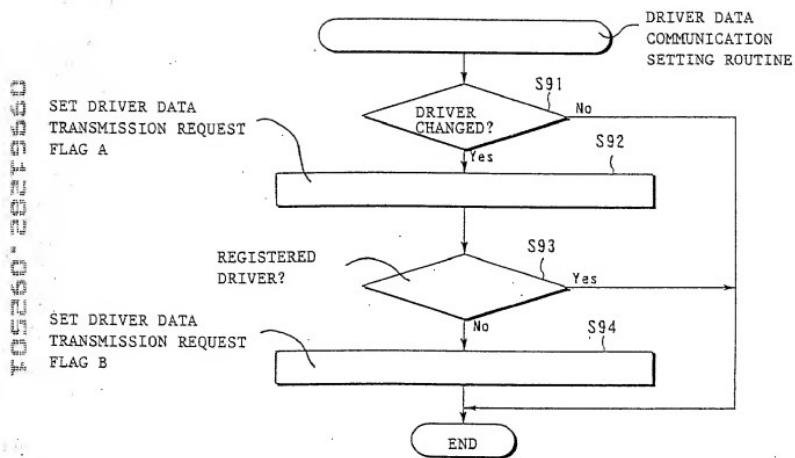


FIG. 16

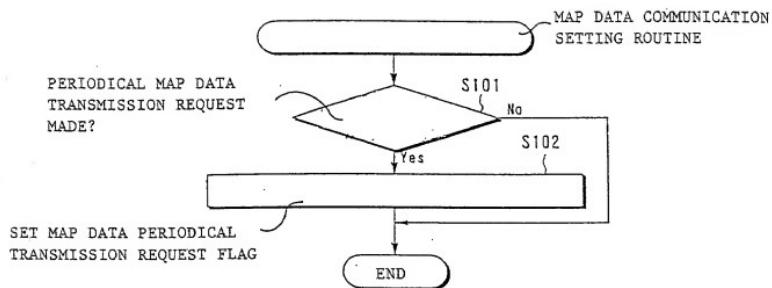


FIG. 17

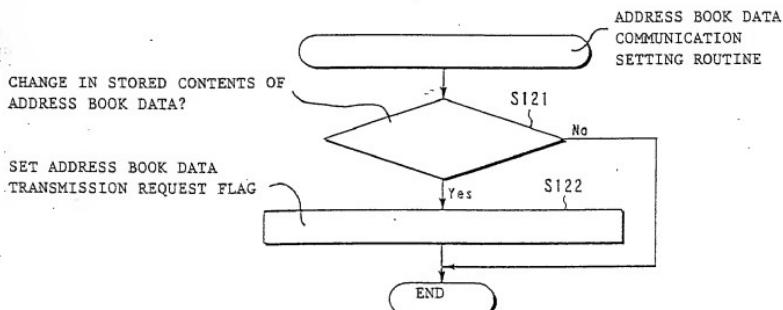
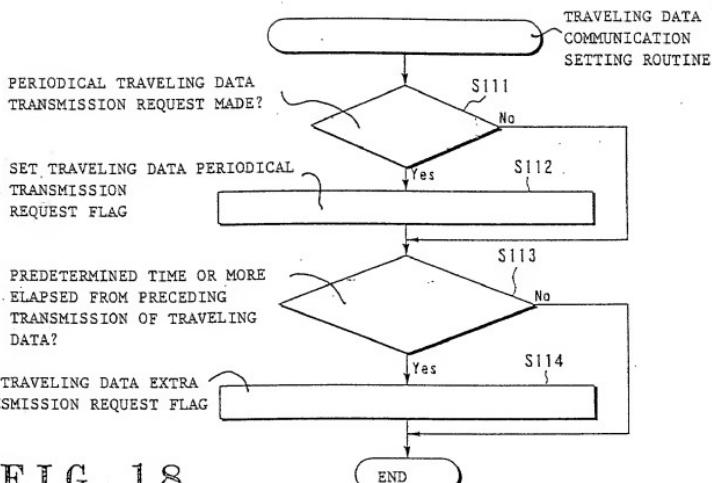


FIG. 20 292960

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PU01-01100
EP01-01100-

TYPE	DEVICE OR SERVER		CENTER DEVICE		MUSIC DELIVERY		EMERGENCY MESSAGE	
	VEHICLE MANAGEMENT	TRAVELING MANAGEMENT	VEHICLE MANAGEMENT	TRAVELING MANAGEMENT	HOME SERVER	OFFICE SERVER	CENTER DEVICE	CENTER DEVICE
VEHICLE DATA	○	○	○	○	○	○	×	○
DRIVER DATA	○	○	○	○	○	○	○	○
MUSIC DATA	×	×	○	○	○	○	○	×
MAP DATA	×	○	○	○	○	○	○	○
TRAVELING DATA	○	○	○	○	×	×	○	○
ADDRESS BOOK DATA	×	×	○	○	○	○	×	×
EMERGENCY DATA	×	×	○	○	×	×	○	○

FIG. 20

REQUEST FOR USER
IDENTIFICATION CODE IN
AND PASSWORD

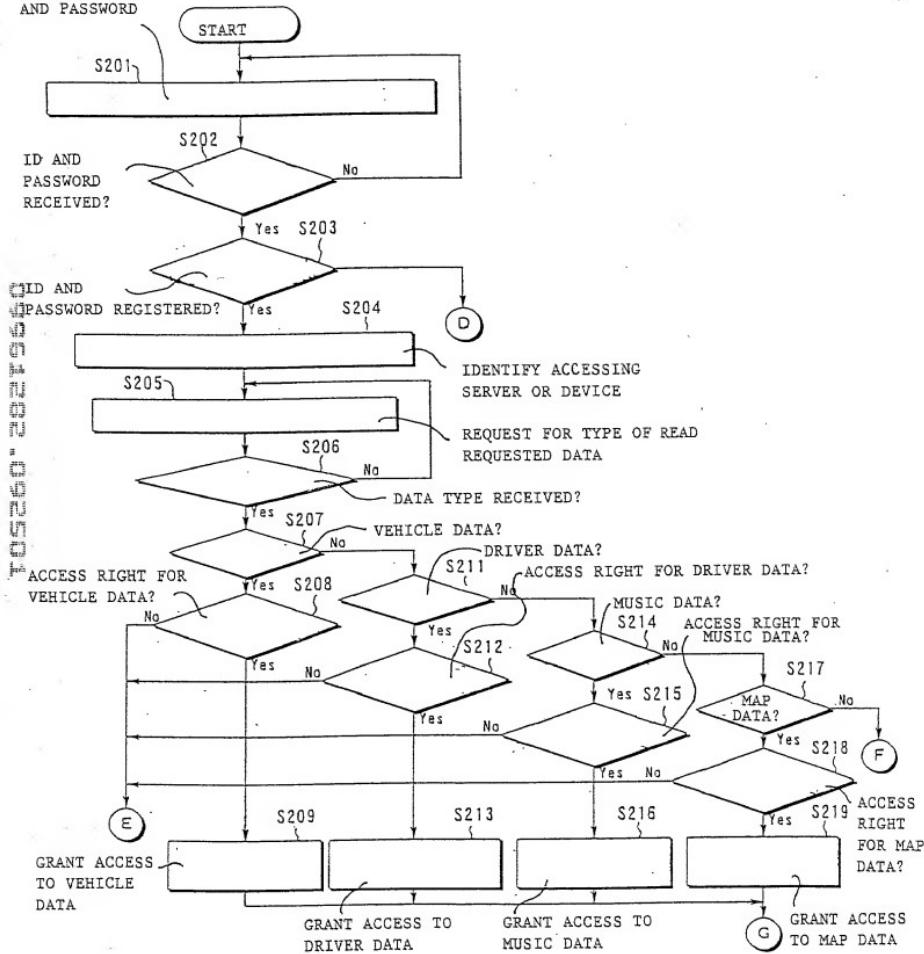


FIG. 21

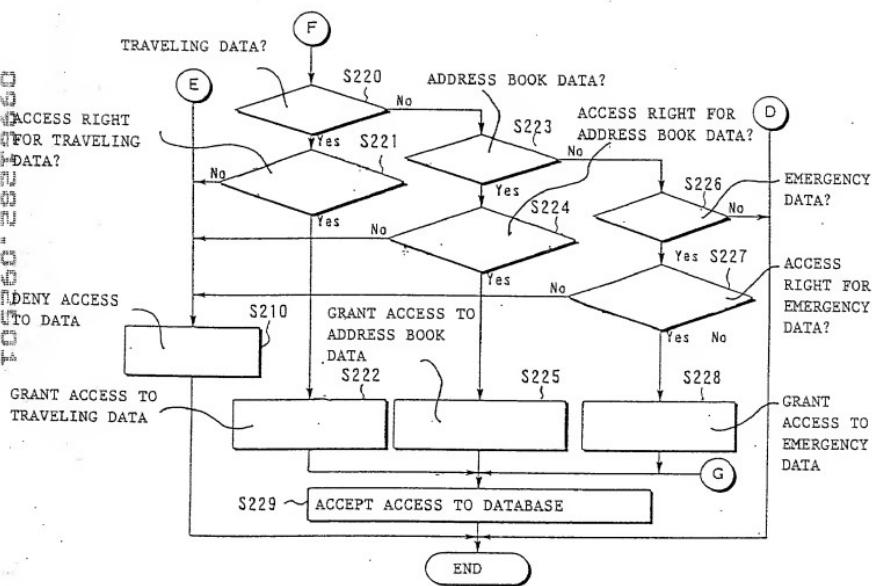


FIG . 22

USER GROUP	TYPE	FRIEND		POLICE		REPAIR SHOP	
		FAMILY MEMBER	SECURITY COMPANY	FIRE STATION			
VEHICLE DATA	OWNER	○	○	○	○	○	○
DRIVER DATA		○	○	○	○	×	○
MUSIC DATA		○	×	○	×	×	×
MAP DATA		○	○	○	○	×	×
TRAVELING DATA		○	○	×	×	×	○
ADDRESS BOOK DATA		○	×	×	×	×	×

FIG. 23

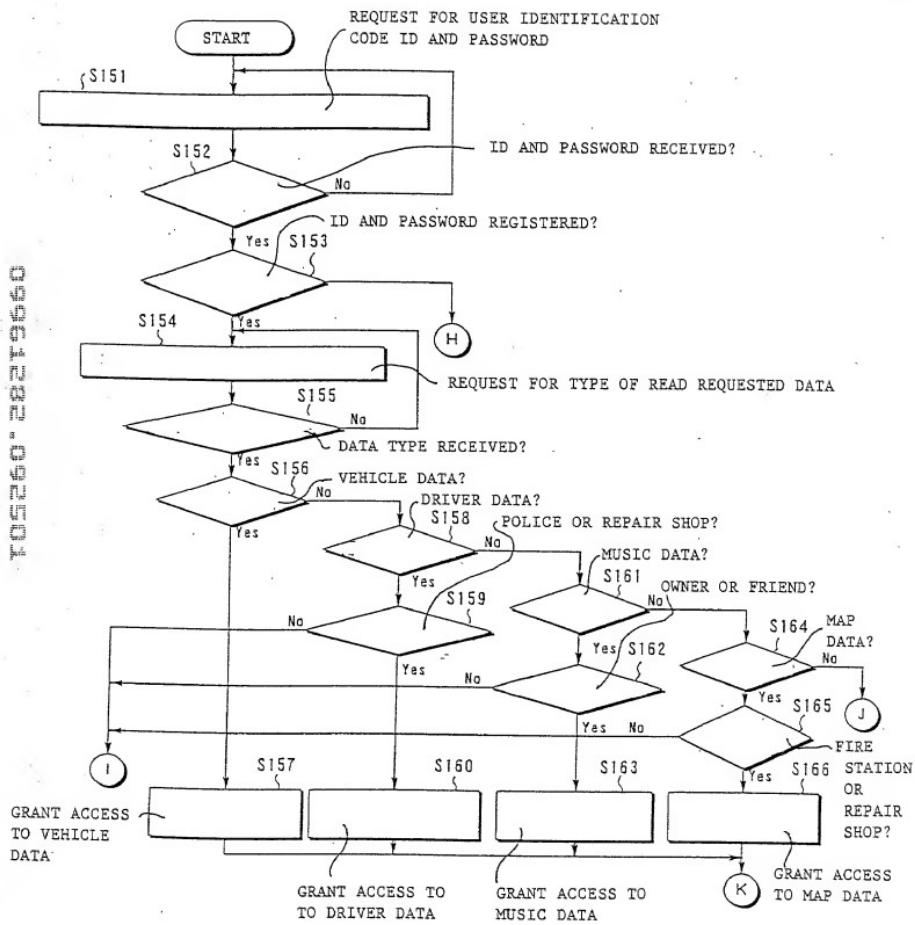


FIG. 24

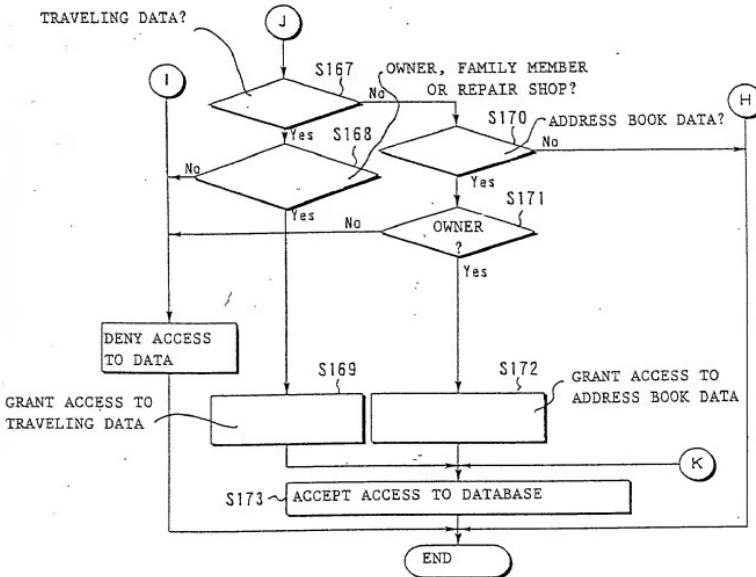


FIG. 25